Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 14 Aug 2023 until 23:59 on Tuesday 15 Aug 2023

Forecast Issued on Sunday 13 Aug 2023 at 14:27

Confidence: High for overall unsettled picture at first, lower for shower detail from Tuesday.

Headline for Monday 14 Aug 2023: A cloudy day with long periods of heavy rain.

Mountain weather hazards on Monday 14 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Heavy rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
80%	90%	60%	60%	70%	70%	20%	10%

Forecast for Monday 14 Aug 2023

Weather: A cloudy day with long periods of frequently heavy rain. Rain may ease for a while with perhaps the odd cloud break during the afternoon, but heavy and perhaps thundery showers may then develop. Turning brighter and drier by evening.

Chance of cloud-free hill tops above 600m: 20% improving to 70% by evening.

Low cloud and visibility: Extensive low cloud, base 300-500 metres, during much of the day, breaking as rain clears during the evening. Visibility often poor or very poor in rain and low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Monday 14 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 S	17/22 S	21/29 S	23/32 S	22/30 SW	19/26 SW	16/23 W	14/21 W	14/20 SW
300	11/17 S	14/21 S	18/26 S	19/27 S	19/28 SW	16/24 SW	12/20 W	9/16 W	10/16 SW
Valley	7/16 S	7/17 S	9/21 S	12/26 S	13/25 SW	12/23 SW	10/21 W	7/15 W	6/14 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/8	12/8	13/9	14/10	13/10	13/10	12/9	11/8
300	13/12	14/11	14/11	15/12	16/13	15/13	15/13	14/13	13/12
Valley	14/13	14/13	14/13	16/14	17/15	16/14	16/14	14/14	13/12
Freezing Level*	3100m	3000m	3000m	2900m	2800m	2600m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy rain may cause flash flooding in water courses. Strong sunlight with harmful UV levels possible late afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 13 Aug 2023	3.4mm	4.4mm	4.4mm

Forecast for Tuesday 15 Aug 2023

Weather: After a mostly dry and partly cloudy night perhaps some valley fog forming around dawn, this soon clearing. Then a day of sunny spells and isolated light showers. Light to moderate westerly winds.

Maximum wind: Westerly 10-15mph

Chance of cloud-free hill tops above 600m: 80%, briefly 30% as fog lifts after dawn.

Low cloud and visibility: Patchy cloud around 100 metres as fog lifts after dusk then cloud base mostly well broken above 800 metres, perhaps lowering to 500 metres in any showers.

Temperature: **Valleys:** Ps 11 BECMG Ps 18
At 600m: Ps 10 Celsius
Freezing level: Above summits

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